Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609.4370003; Batch No.: NA
Inventors: 61 Monto et al.; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

I 302 96 362 422 136 482 122 36 182 56 242 76 62 S TOT CCT GAG CTC S P E L GTG GTA CTG L ATC 8 G පි TICE ACC TICE CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT S T C L S L P K C W D Y R R A A V P TTT TTA AGA CAC AGG TGT CCC ACT CTT ACC CAC CAT GAA TCA GAT GAT CCC CTC S AAT ᆈ > 90 AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGG R N R V S L M C P S W S 29 ပ္ပ TAT ပ္ပ >-S CTG GAG CAC GCT CGG CTA ATT TTG CAT H GGT CTC GAA CTC CCG ¥ CAC H TTG TTG CCC AGC C GAT 0 _ ی ٔ GGT TCA AGC (CC) S S S CC TAC AGG ACT I 2 S <u>~</u> V D3 _ 工 213 TGC ACC AGA R gCAG ۵. œ O 7 201 CIC GCT GCT A S ی ATG CIT AGT. 00C R \sqsubseteq CAA ttttttttttgag ATG GAG ATT ACA GGC CAT ပ _ CIC 22 TTA GGT ဋ္ဌ 200 999 GAG 22 \mp CAG GAG 23 243 363 **‡**23 83 57 303 137

FIG. 1.

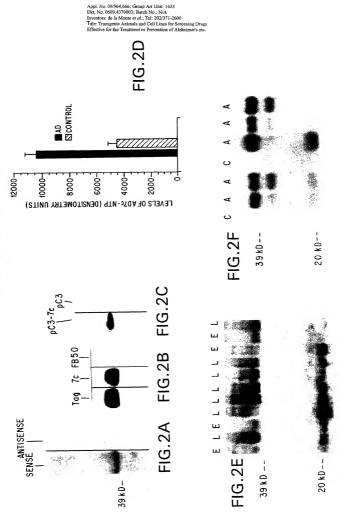
Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609.4370003; Barch No.: N/A
Inventors: de la Monte et al.; Tel: 202/371-2600
Title: Transgeinc Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

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483 <u>CAG TGG TGT CAC TGA CTG CAG CCT TCA ACT CCT GAG ATC AAG CAT CCT CCT GCC</u>] 542 157 <mark>Q W C D H S S L Q P S T P E I K</mark> H P P A 176	ZTOM GCC TCC CAM GTA GCC AM GAC ATG CAC CAC TAC ACC TGG CTA ATT TTT ATT 602 S A S Q V A G T K D M H H Y T W L I F I 196	SITT ATT TIT AAT TIT THE AGA CAG AGT CTC AAC TCT GTC ACC CAG GCT GGA GTG CAG TGG $^{\circ}$	GOC AAT CTT GOC TOA CTG CAA CCT CTG CGT CTG AAG TTA TTG TCC TGC CCC AGG 3722 R N L G S L Q P L P P G F K L F S C P S 236	CTC CTG AGT AGC TGG GAC TAC AGC CCA CCA CGC CTA GCT AAT TTT TTT GTA TTT TTA \parallel L S S \parallel D Y R \parallel R P P R \parallel A N F F V F \parallel	COTA CAG ATC GGC TTC ACC ATC TTC GGC AGC TTC ATC TTC ATC TCT GGA CCT TGT GAT CTC. $V E M G F T M F A R L I I S G P C D L$	$\frac{\sqrt{\mathcal{CGT}}}{\mathcal{CGT}}\frac{\partial \mathcal{CC}}{\partial \mathcal{C}} \frac{7}{\mathcal{C}} \text{BC} \text{CCC} \text{CAC} \text{CAC} \text{CAC} \text{CAC} \text{CCC} \text{CGC} \text{CTI} \text{ATI}$ $\begin{array}{cccccccccccccccccccccccccccccccccccc$	TIT AAT ITT TGT TTG TAT GAA ATG GAA TGT CAC TGT ACC CAG GCT GGA GTG CAA TGG
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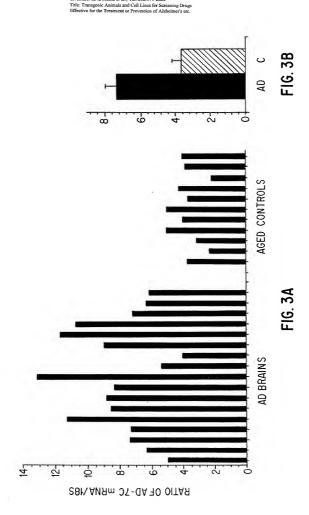
FIG. 1B

1022 336	1082 356	1083 ATT AGA GGC GGC GTT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgac 1143 357 I R G G V S P Y L S G W S Q T P D L R 375	1144 ccaccigactcagacticcaaagigatgacigaattacaggagigagacaacataaccagacggataaiilagataaaaaaa 1223	1224 atgtagcaalggggggtettgetatgttgeccaggetggteteaaaettetggetteatgcaateetteeaaatgageea 1303	1304 caacacccagccagtcacattttttaaacagttacatctttatttiagtatactagaaagtaatacaatac	1442
963 CCA AAT CTC GGC TCA CTG CAA CCT CTG CCT CCG GGC CTC AAG CGA TTC TCC TGT CTC AGC 1022 317 P N L G S L Q P L P P G L K R F S C L S 336	1023 CTC CCA AGC AGC TGG GAT TAC GGG CAC CTG CCA CAC CAC CCC GCT AAT TTT TGT ATT TTC 1082 337 L P S N P C I F 356	tgac	aaat	gcca	tcaa	
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FIG. 1



Sheet 4 of 16



Sheet 5 of 16

Appl. No. 09/964,666; Group Art Unit: 1633

Dkt. No. 0609.4370003; Batch No.: N/A

Inventors: de la Monte et al.; Tel: 202/371-2600

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Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609,4370003; Batch No.: N/A
Inventors: de la Monte et al.; Tel: 202/371-2600
Title: Transgenic Animals and Cell Limes for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc.



FIG.3C



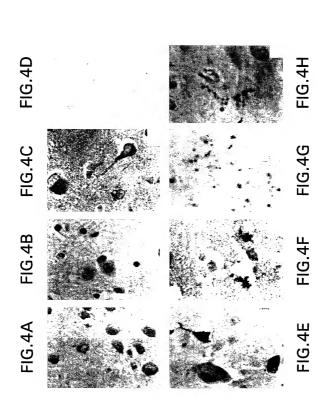
FIG.3D



FIG.3E



FIG.3F



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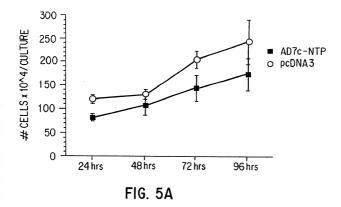
Appl. No. 09/964,666, Group Art Unit: 1633

Dkt. No. 06/994370003; Barch No.: N/A
Inventors: de la Monte et al.; Tel: 202/371-2600

Title: Transgenic Animals and Cell Lines for Screening Drugs

Effective for the Treatment or Prevention of Alzheimer's etc.

Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609,4370003; Batch No.; N/A
Inventors: de la Monte et al.; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.



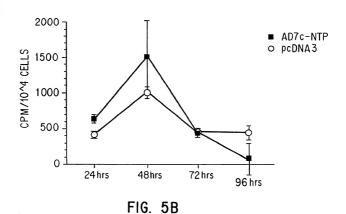


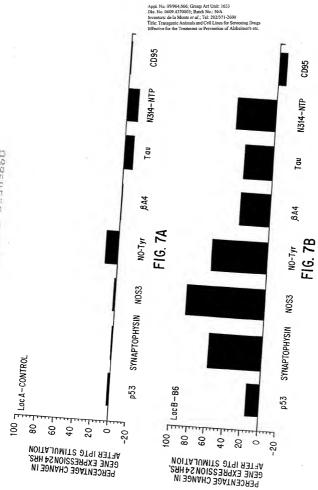
FIG.6G FIG.6E FIG.6F FIG.6D FIG.6B FIG.6A FIG.6C

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Appl. No. 09/964,666; Group Art Unit: 1633

Dkt. No. 0609,4370003; Batch No. N/A
Inventors: de la Monte et al.; Tel: 202/371-2600

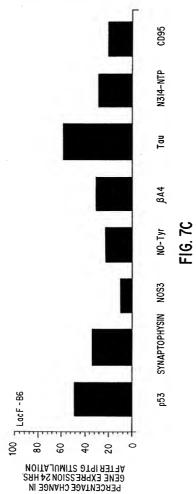
Title: Transgenia Animals and Cell Lines for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc



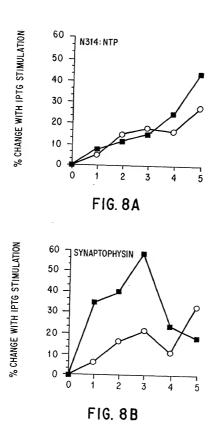
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Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609.4370003; Batch No.: N/A
Inventors: de la Monte et al.; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

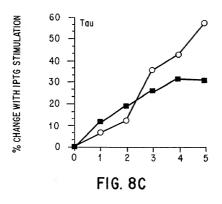


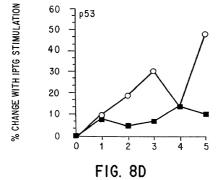
Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609.4370003; Batch No.: N/A
Inventors: de la Monte et al.; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc.

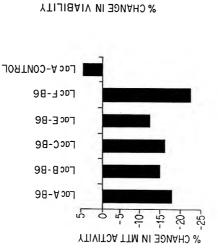


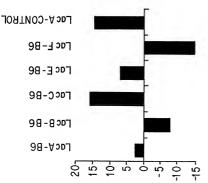
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Appl. No. 09/064,666; Group Art Unit: 1633
Dkt. No. 0609 4370003; Batch No.: N/A
Inventors: de la Monte et al.; Tel: 202371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
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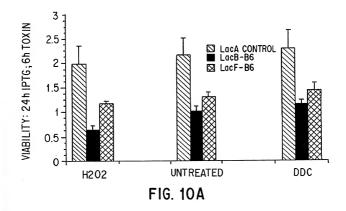
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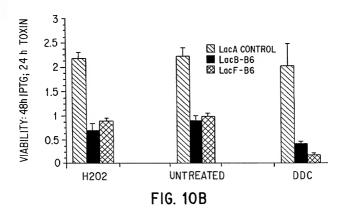
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Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609,4370003; Batch No.: N/A
Inventors: de la Monte et al.; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

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Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 06094370003; Batch No.: N/A
Inventors: de la Monte et al.; Tel: 202371-2600
Title: Transgenic Animals and Cell Lines for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc.





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Appl. No. 09/964,666; Group Art Unit: 1633
Dkt. No. 0609.4370003; Batch No.: N/A
Inventors: de la Monte et al.; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
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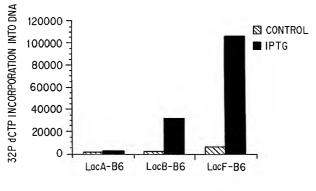


FIG. 11

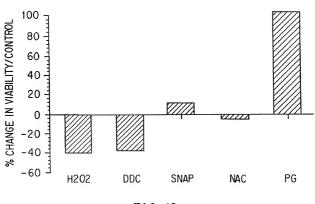


FIG. 12